

DATA MOVEMENT MANAGEMENT SYSTEM AND METHOD FOR A STORAGE
AREA NETWORK FILE SYSTEM EMPLOYING THE DATA MANAGEMENT
APPLICATION PROGRAMMING INTERFACE

Abstract of the Disclosure

A system and method of managing data movement are provided in which a processing environment is established in a cluster of nodes. The nodes have common access to data residing in one or more data storage units. A data management application (DM) is initiated in the environment. One of the nodes of the cluster is assigned as a coordinating node for managing data movement. Thereafter, a worker thread is posted to one or more of the nodes in the cluster to perform one or more data movement tasks in response to the event. Preferably, a process session is established in the cluster. A session identifier and a data management access right are provided to one or more nodes to permit only the node or nodes having them to execute the worker thread posted to it.